

Title (en)
Fuel flow control valve

Title (de)
Kraftstoffregelventil

Title (fr)
Clapet de régulation de carburant

Publication
EP 0802311 B1 20040728 (EN)

Application
EP 97302246 A 19970402

Priority
US 63522496 A 19960417

Abstract (en)
[origin: US5983621A] A valve for controlling the flow of fuel within a gas turbine engine is provided. The fuel flow control valve includes a valve block disposed within a sleeve, and apparatus for displacing one of the sleeve or valve block relative to the other. The sleeve includes an inlet port and an exit port. The valve block includes an inlet gate and an exit gate. One of the sleeve or the valve block may be displaced relative to the other from a closed position where the gates close the ports and thereby prevent fluid flow through the valve via the ports, to a plurality of open positions where the gates less than completely close the ports, and thereby allow fluid flow through the valve via the ports.

IPC 1-7
F02C 9/26

IPC 8 full level
F02C 7/232 (2006.01); **F02C 9/26** (2006.01); **F02C 9/32** (2006.01); **F16K 3/26** (2006.01); **F16K 31/06** (2006.01)

CPC (source: EP KR US)
F02C 7/232 (2013.01 - EP KR US); **F02C 9/263** (2013.01 - EP KR US); **F16K 3/26** (2013.01 - KR); **F16K 31/06** (2013.01 - KR);
Y10T 137/8326 (2015.04 - EP US)

Cited by
EP1260689A1; FR2825120A1; CN103244278A; US6782692B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
US 5983621 A 19991116; DE 69729971 D1 20040902; DE 69729971 T2 20041216; EP 0802311 A2 19971022; EP 0802311 A3 19991013;
EP 0802311 B1 20040728; JP 4009881 B2 20071121; JP H1047084 A 19980217; KR 970070471 A 19971107; US 5772182 A 19980630

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US 92767997 A 19970910; DE 69729971 T 19970402; EP 97302246 A 19970402; JP 11358897 A 19970416; KR 19970013917 A 19970416;
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